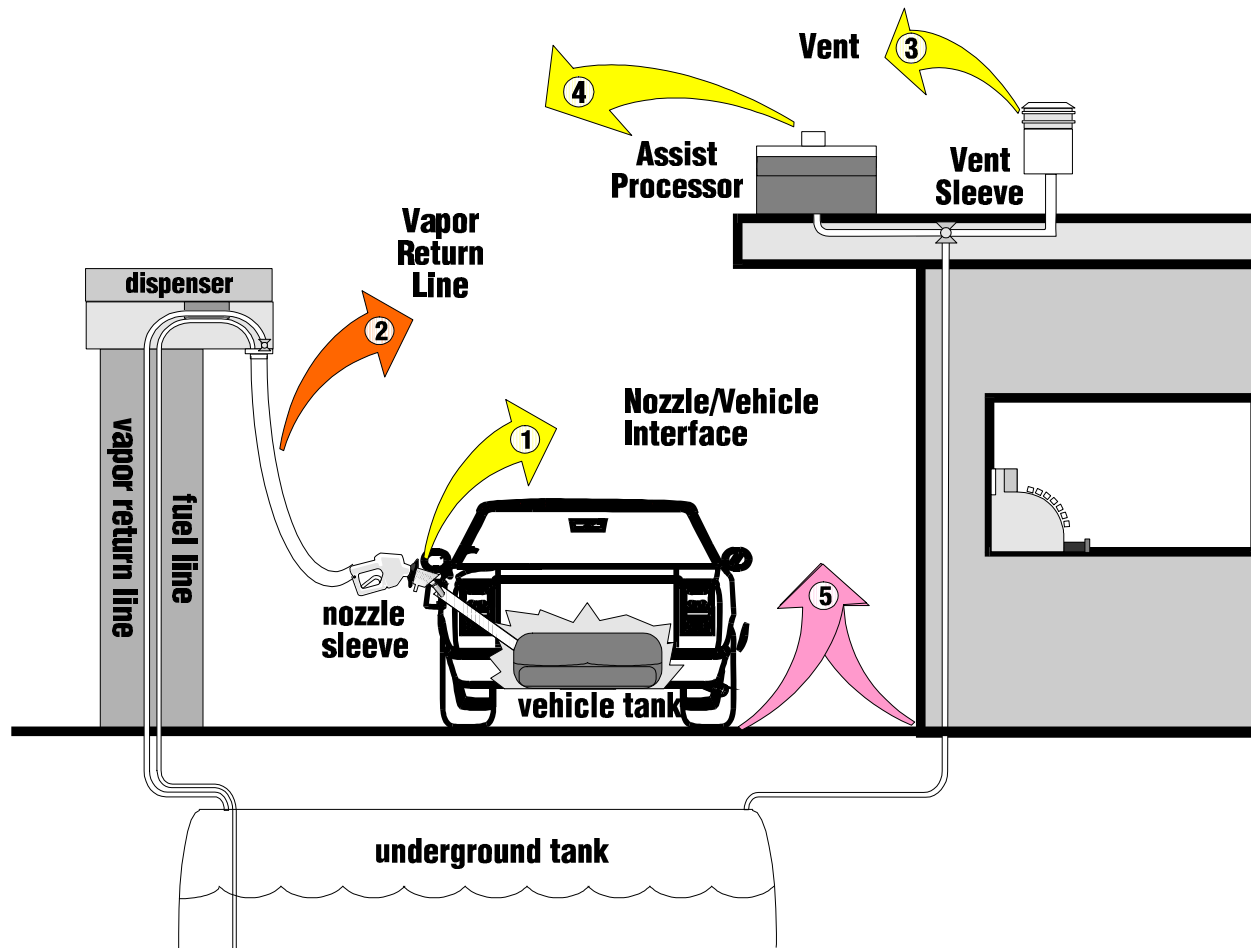
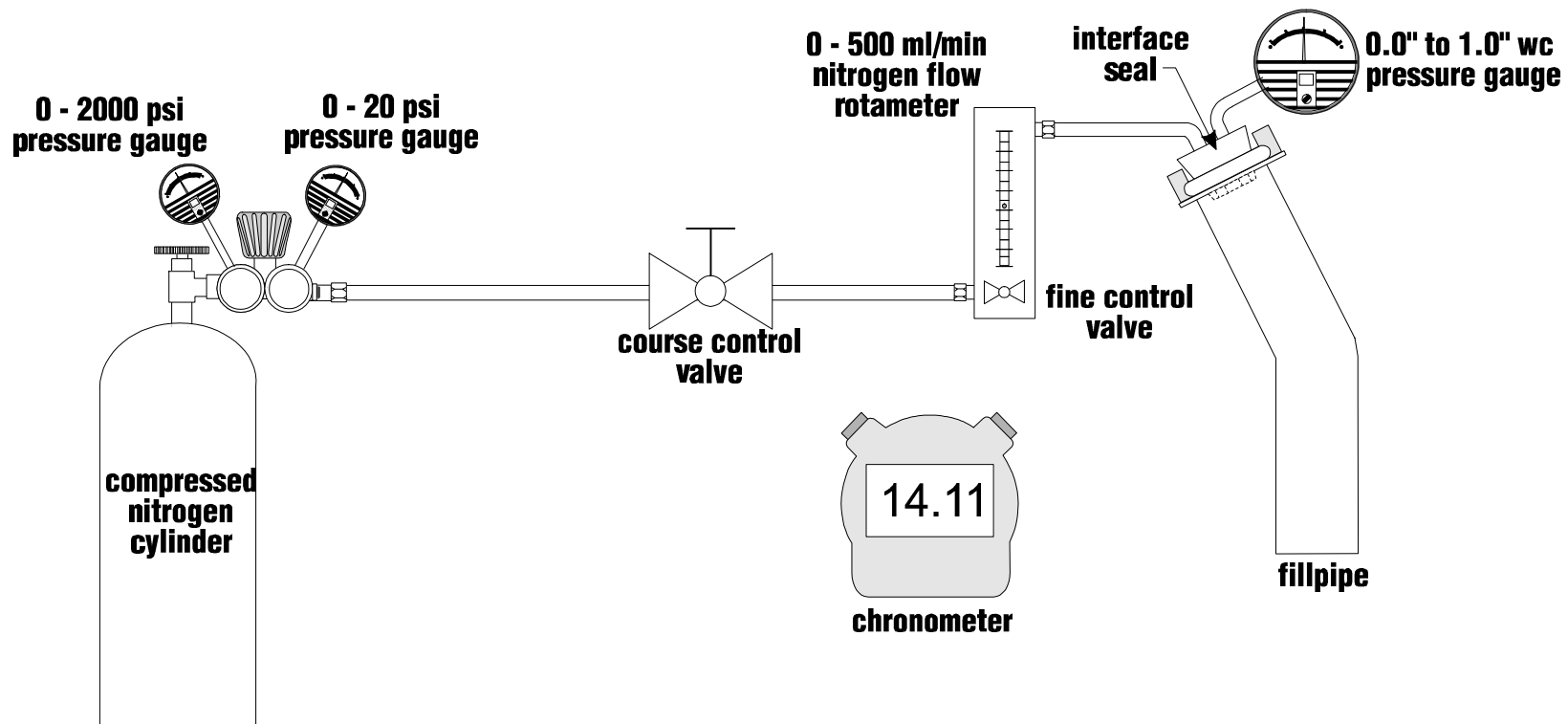


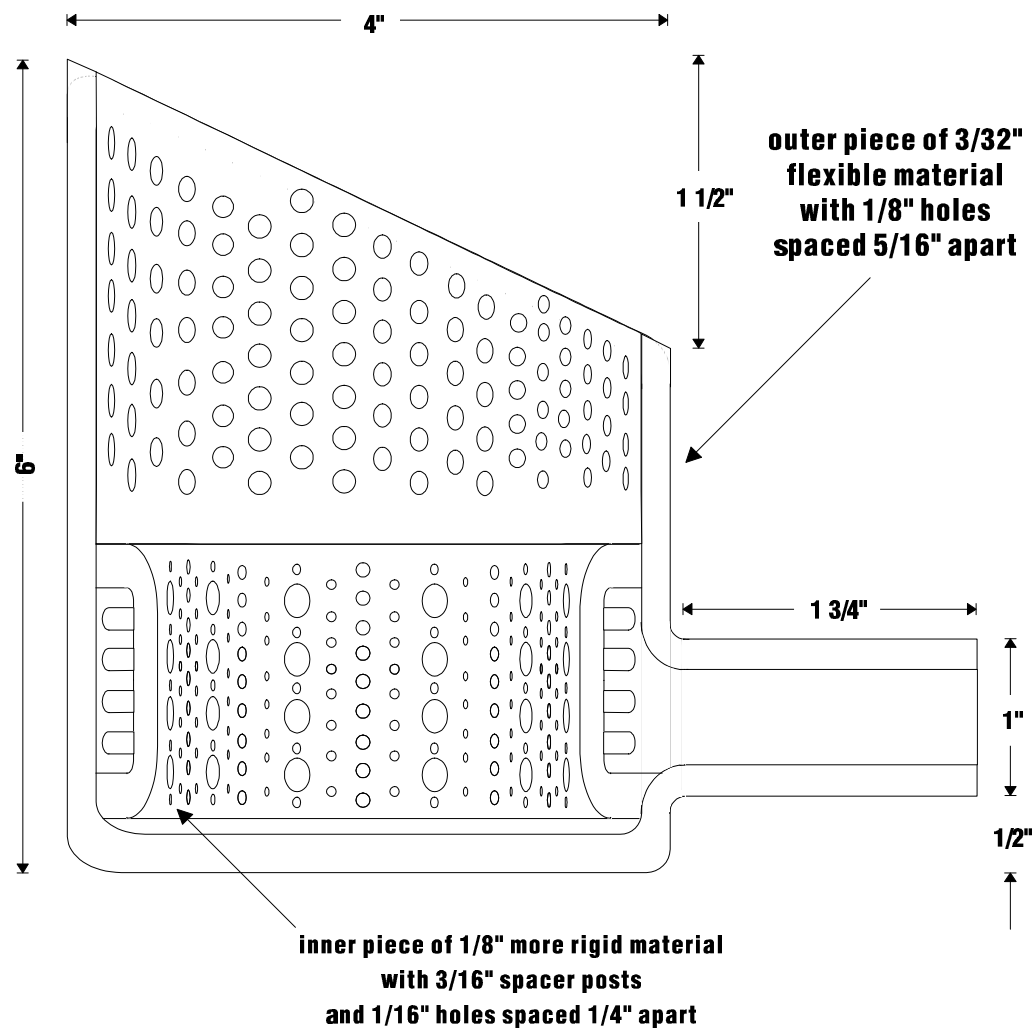
FIGURE 1  
TP-201.2 TEST POINTS



**FIGURE 2**  
**VEHICLE LEAK CHECK PROCEDURE (NITROGEN FLOW PRESSURIZATION)**



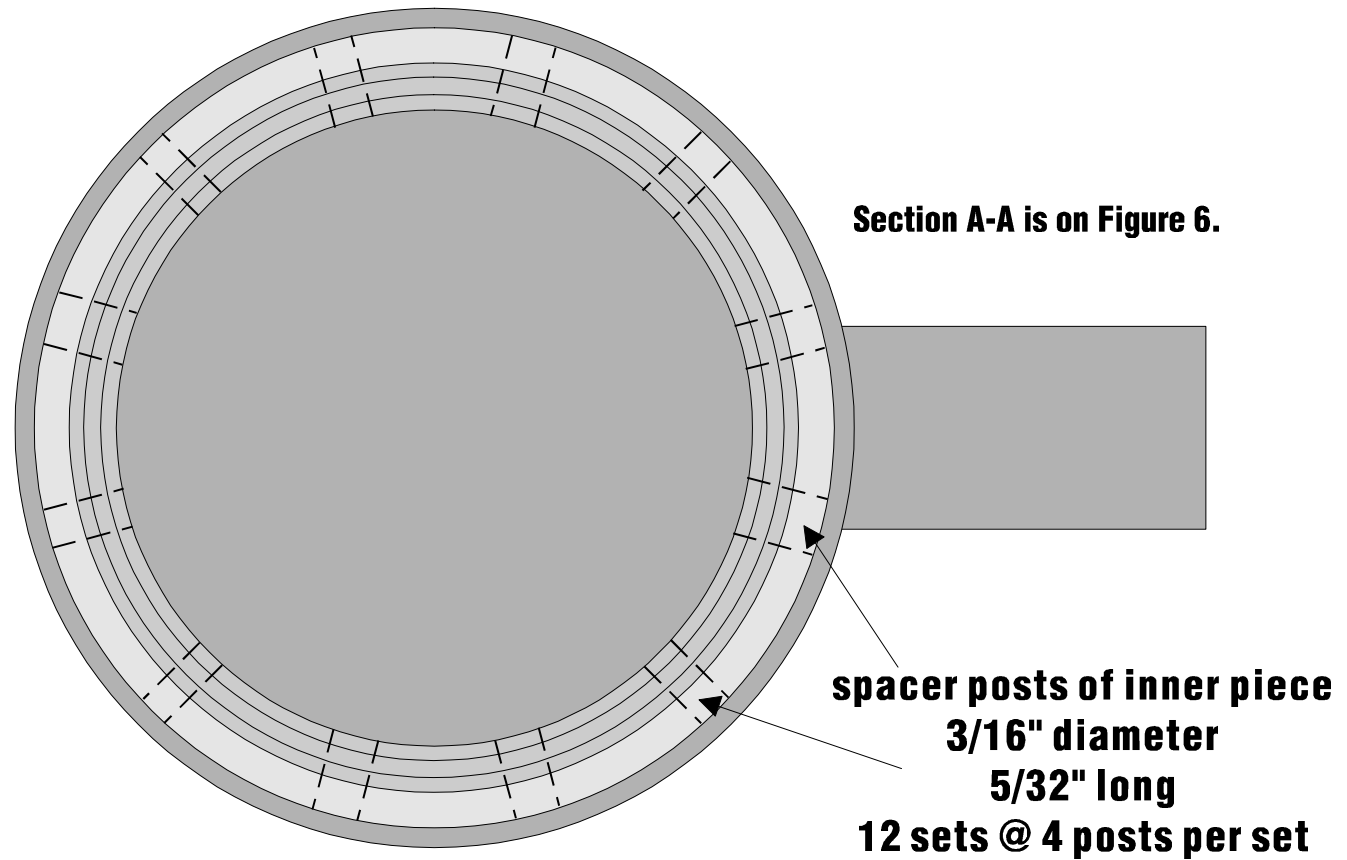
**FIGURE 3  
NOZZLE SLEEVE ASSEMBLY (SECTIONAL VIEW)**



**these dimensions are for example, and are not specifications**

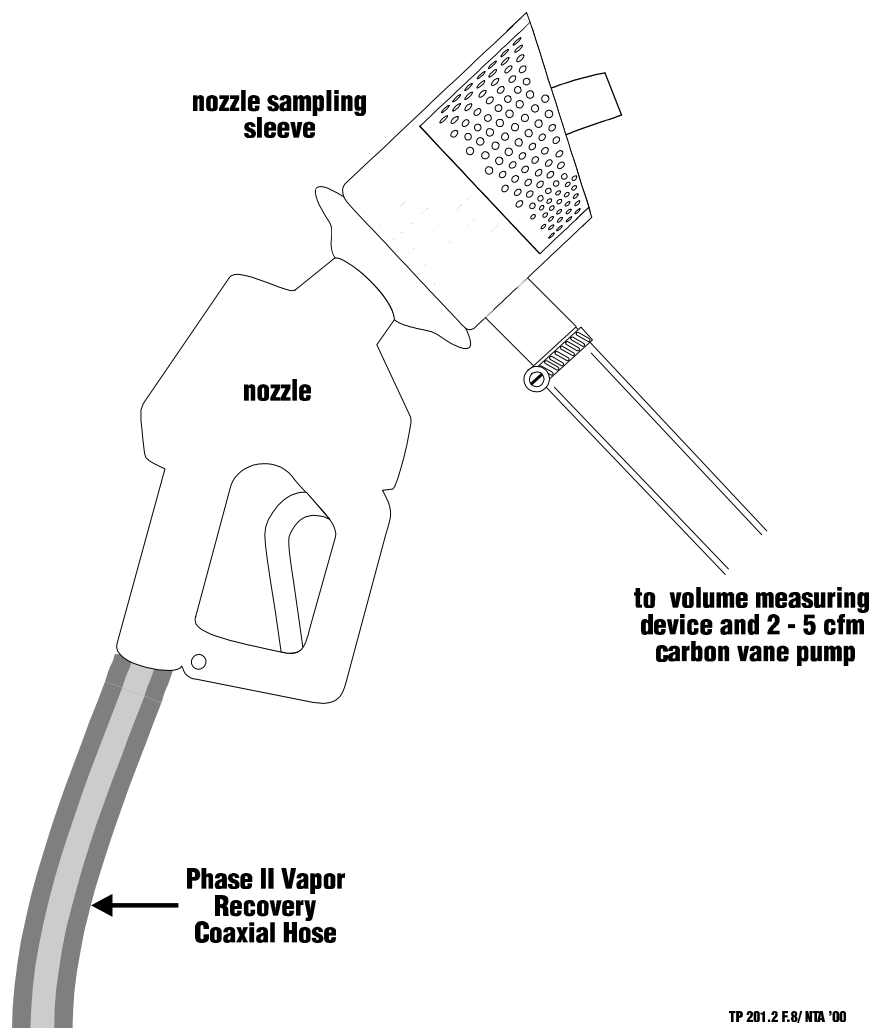
TP 201.2 F.6/ NTA '00

**FIGURE 4  
NOZZLE SLEEVE ASSEMBLY (AXIAL VIEW)**



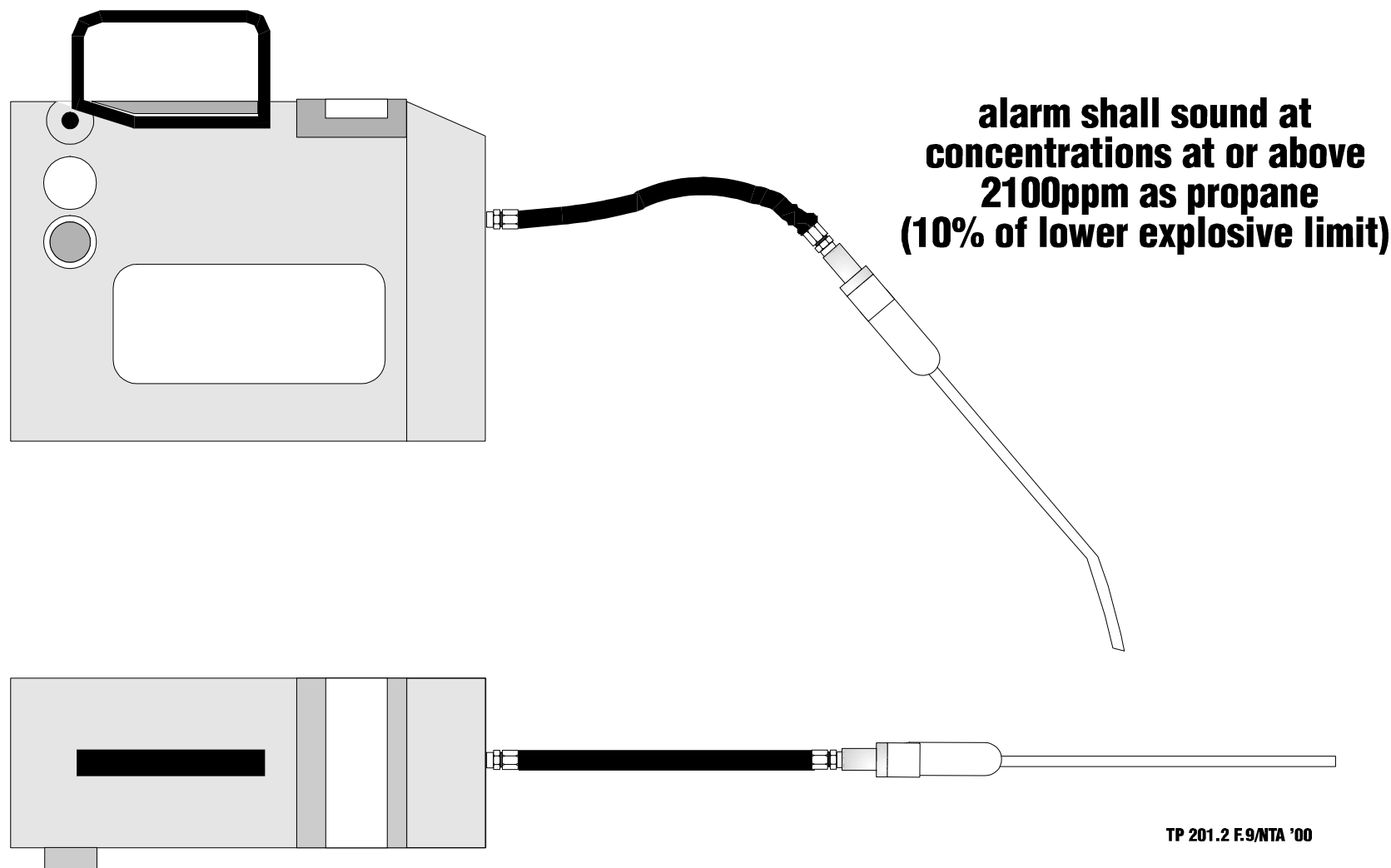
**Materials must be resistant to breakdown by fuels and additives and easily bonded and repaired.**

**FIGURE 5**  
**NOZZLE SLEEVE ASSEMBLY INSTALLED ON DISPENSING NOZZLE AT TEST POINT 1**



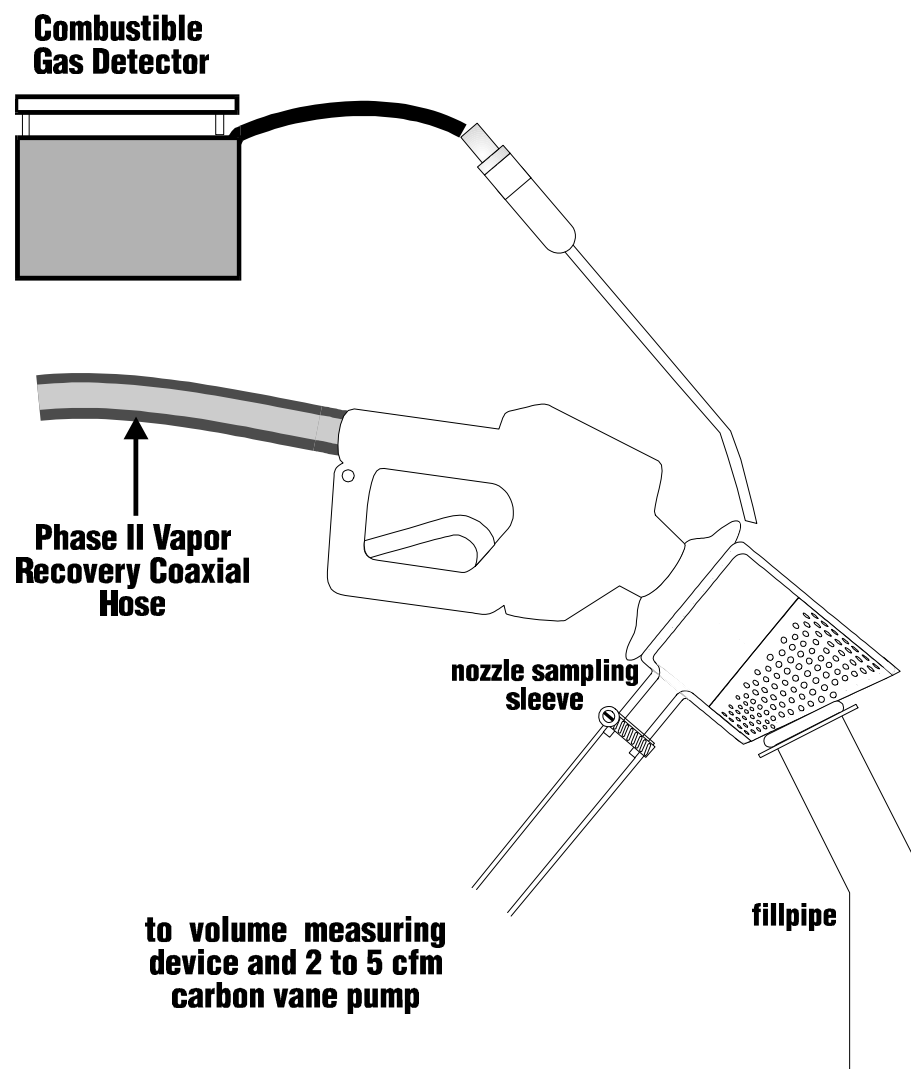
TP 201.2 F.8/ NTA '00

**FIGURE 6**  
**COMBUSTIBLE GAS DETECTOR USED FOR SLEEVE LEAK CHECKS**

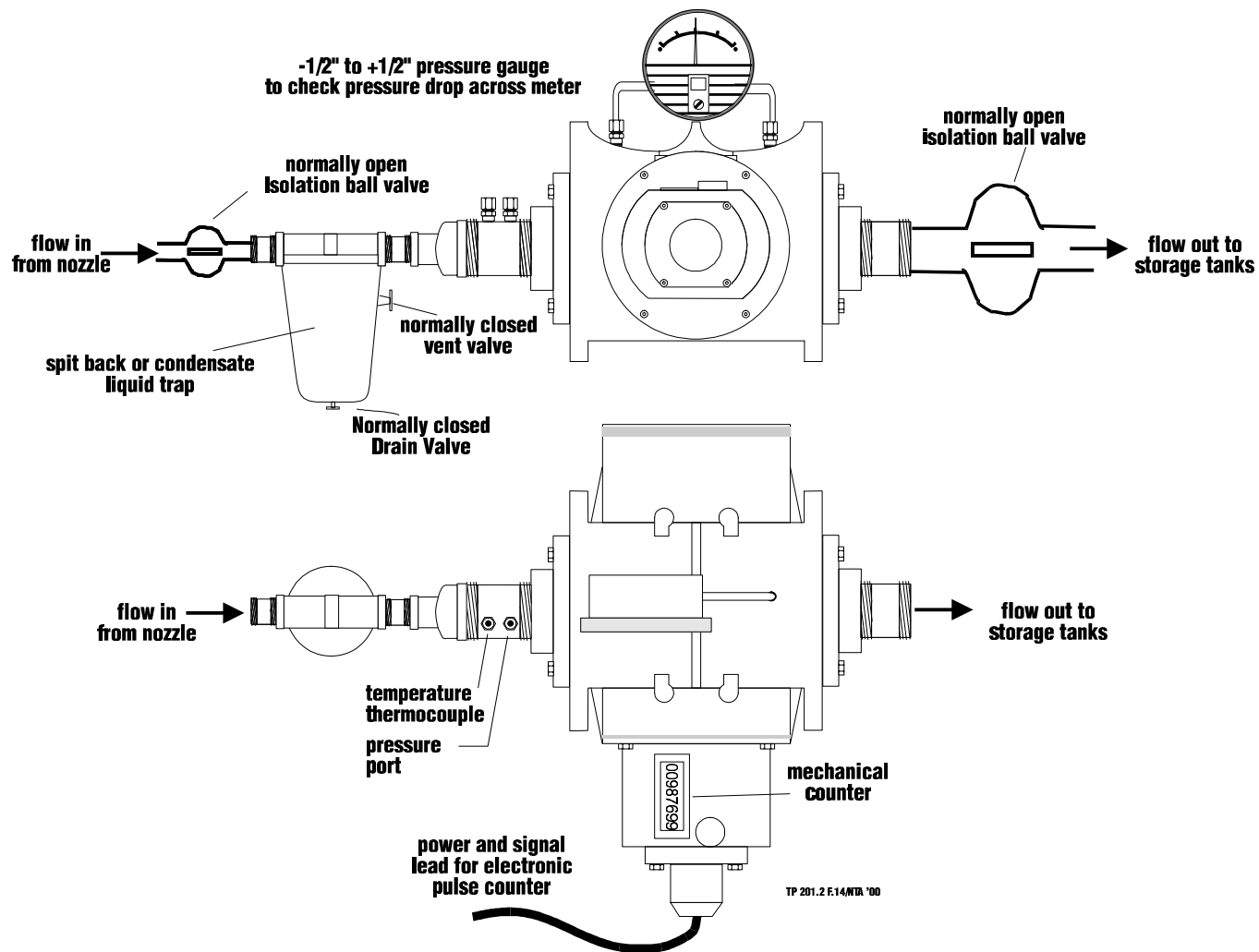


**FIGURE 7**

## COMBUSTIBLE GAS DETECTOR IN USE DURING NOZZLE SLEEVE LEAK CHECK



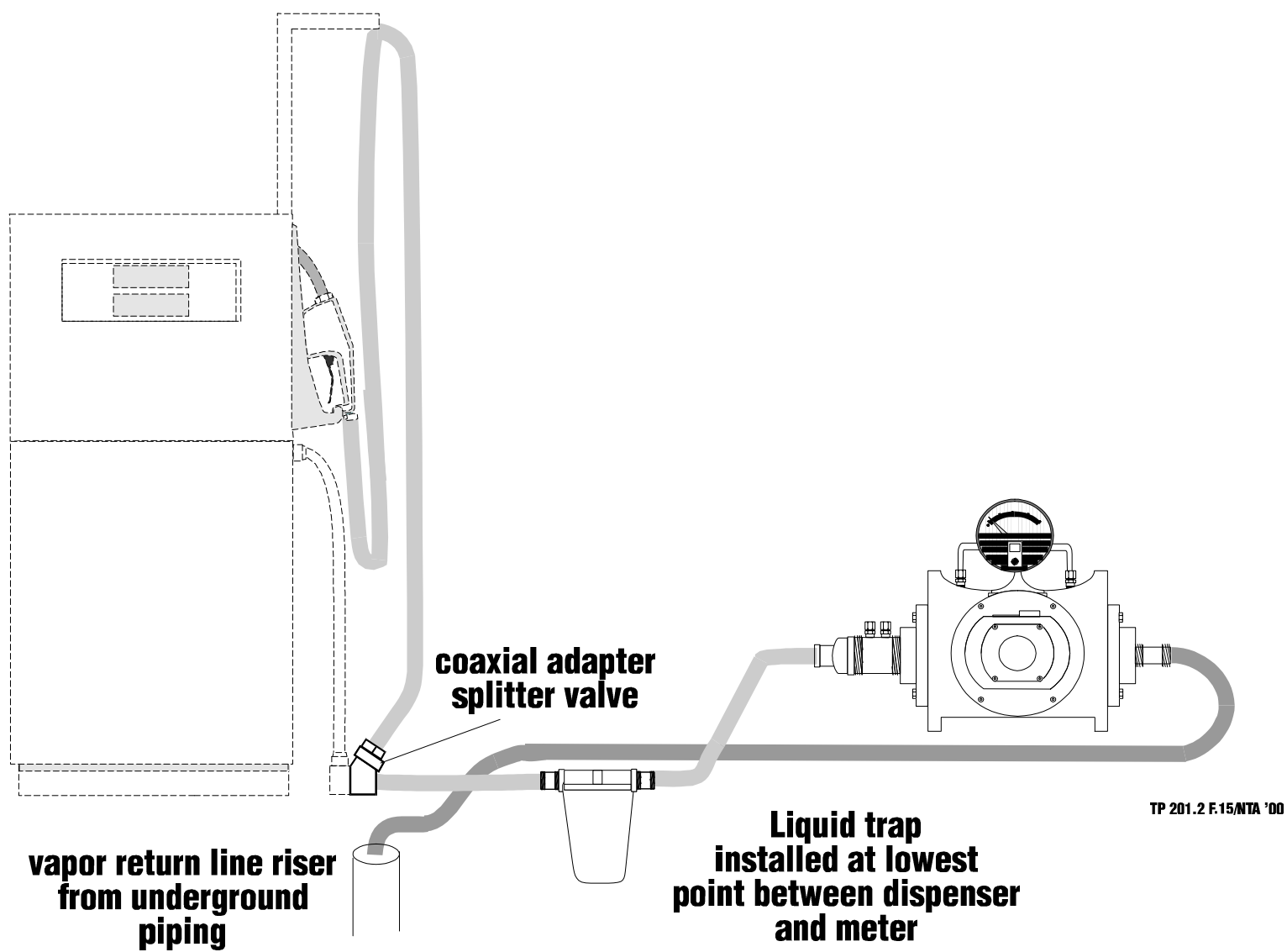
**FIGURE 8**  
**VAPOR RETURN LINE VOLUME MEASUREMENTS**



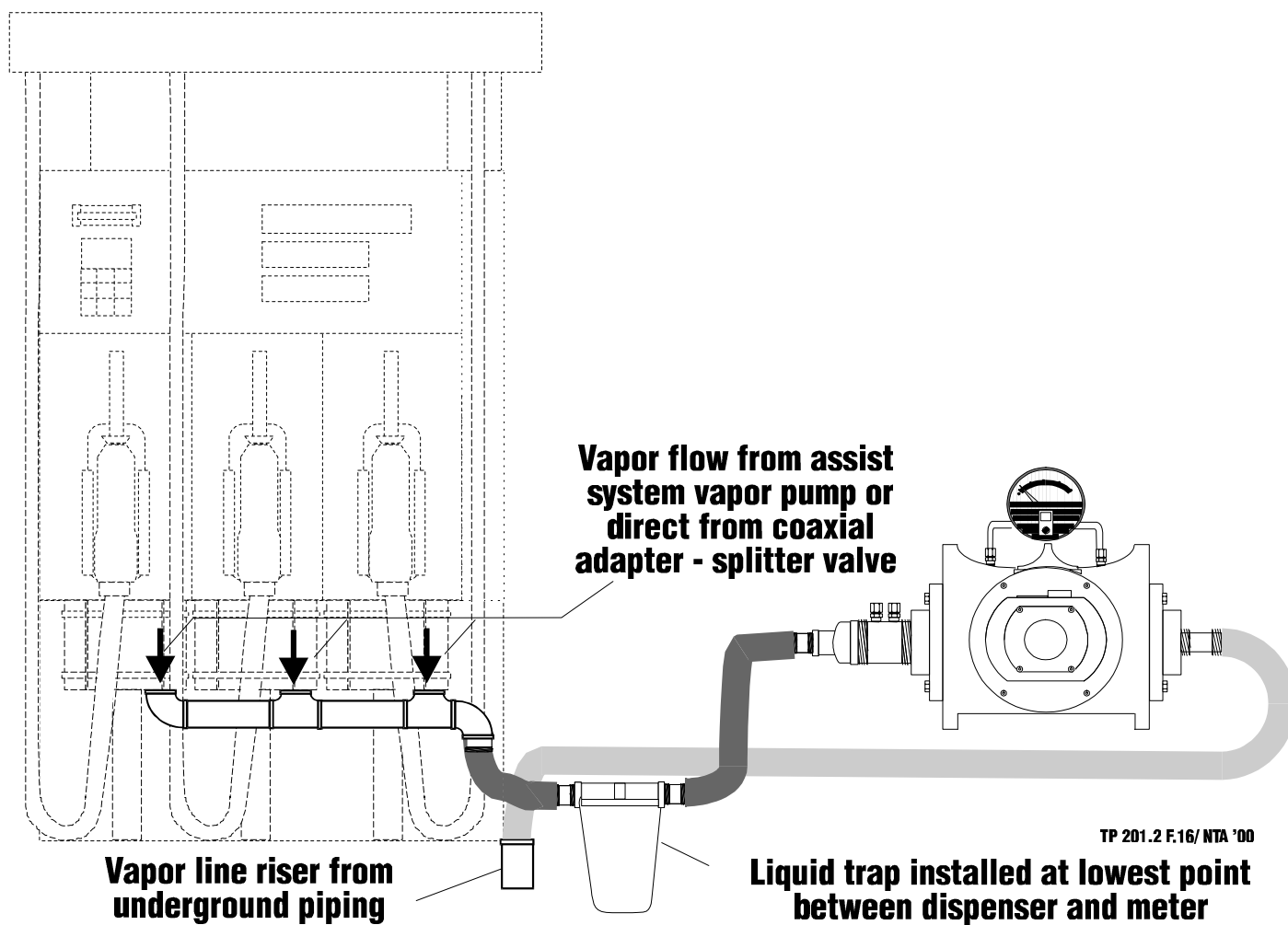
**FIGURE 9**



## VAPOR RETURN LINE VOLUME MEASUREMENTS (SINGLE VR LINE)

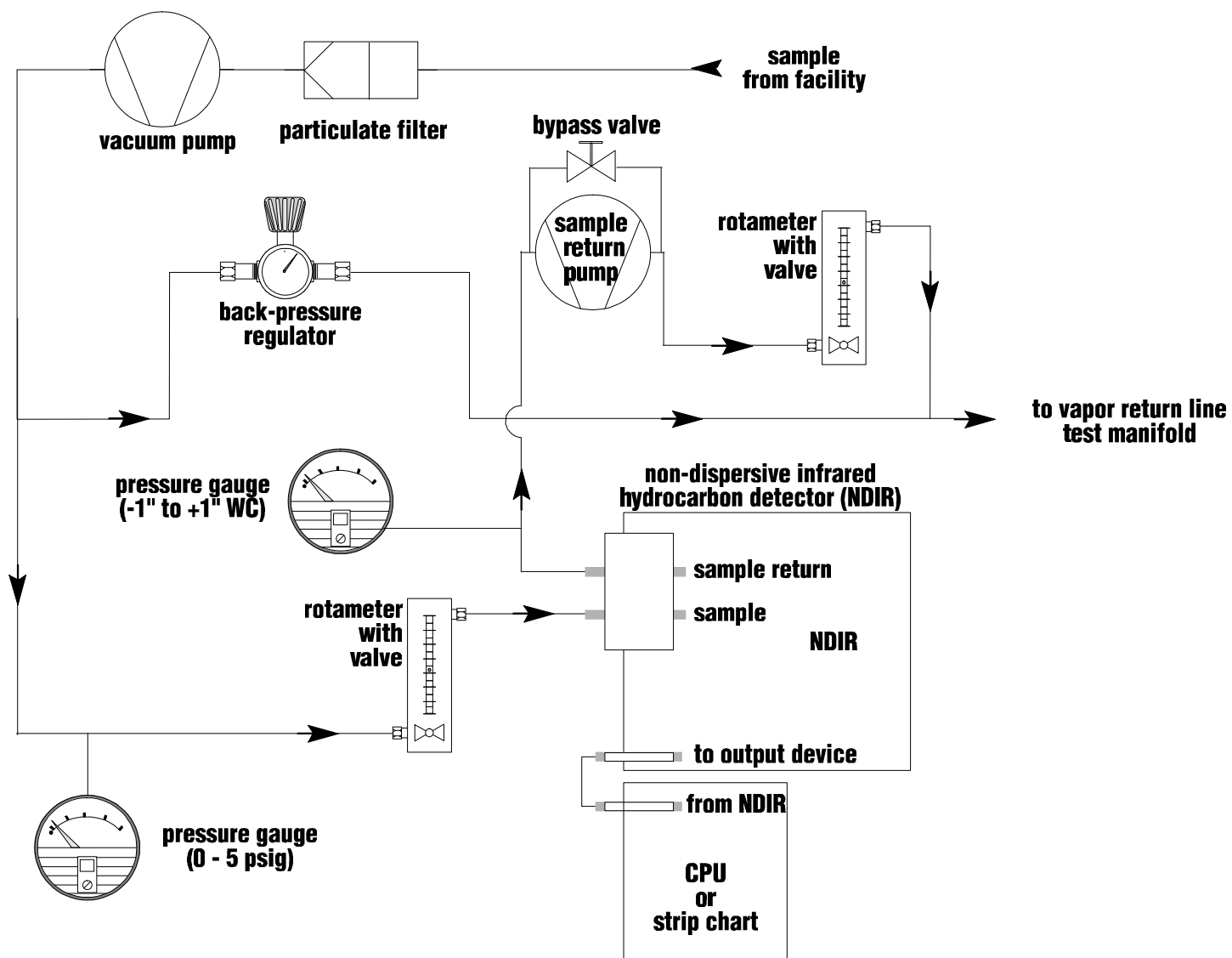


**FIGURE 10**  
**VAPOR RETURN LINE VOLUME MEASUREMENTS (VR LINES CONNECTED BY MANIFOLD)**



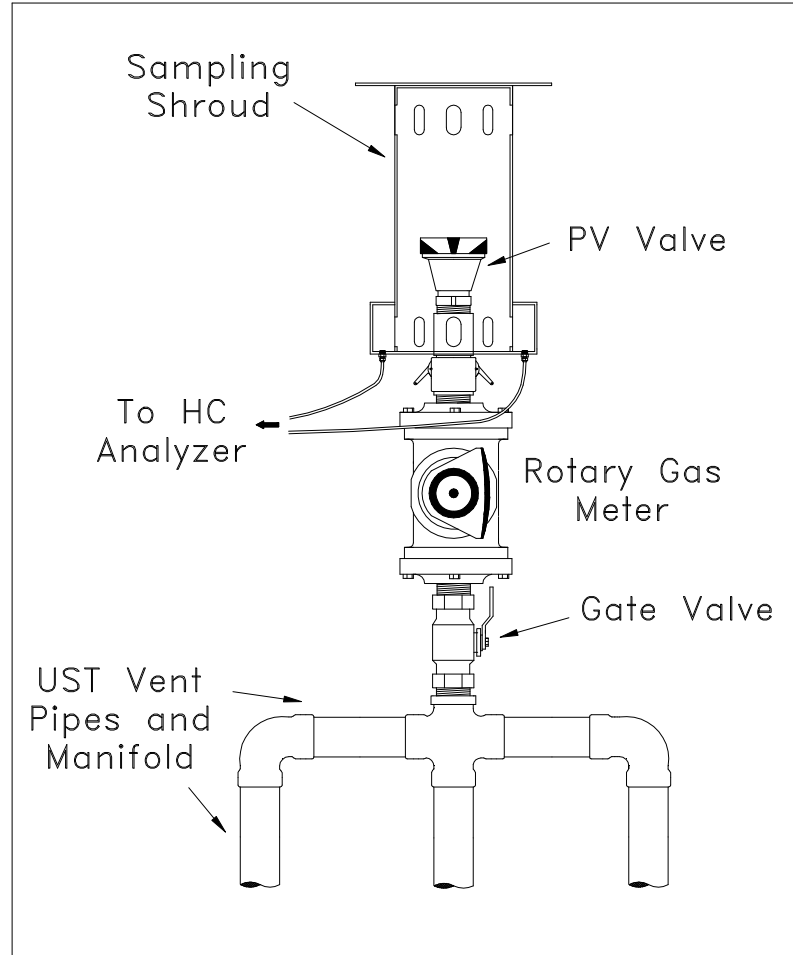
**FIGURE 11**

# VAPOR RETURN LINE HC CONCENTRATION MEASUREMENTS



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+  
UST VENT PIPE SLEEVE ASSEMBLY



**Figure 13 Test Site Vapor Recovery Equipment**

**Phase I Components**

<b>Fill Adapter Brand</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>Vapor Adapter Brand</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>Fill Cap Brand</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>Vapor Cap Brand</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>Drop Tube Brand</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>Spill Bucket Brand</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>Overfill Brand</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>PV Valve Brand</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>Other</b>	Model	Serial	Installation Date	Warranty Exp. Date

<b>Other</b>	Model	Serial	Installation Date	Warranty Exp. Date

## Phase II Components

Dsp. #	Other	Model	Serial	Installation Date	Warranty Exp. Date
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Other	Model	Serial	Installation Date	Warranty Exp. Date

Dsp. #	Other	Model	Serial	Installation Date	Warranty Exp. Date
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Other	Model	Serial	Installation Date	Warranty Exp. Date

# FIGURE 14

## VEHICLE REFUELING DATA SHEET

TP-201.2  
DATA SHEET FOR TEST POINT 1

TEST ID: \_\_\_\_\_ DATE: \_\_\_\_\_ DATA RECORDED BY: \_\_\_\_\_

### VEHICLE INFORMATION

VEH.NO.	MAKE	MODEL	YEAR	MATRIX CATEGORY	ORVR?	TIME IN

### REFUELING TEST DATA

LIQUID IN TRAP (N/Y [ml])	VEHICLE LEAK (cfm)	VEHICLE LEAK (P/F)	GAS GRADE	SLEEVE LEAK (P/F)	FUEL VOL (GAL)	FUELING TIME (SEC)	SLEEVE LIQUID (P/F[ml])	DISP RATE (GAL/MIN)

### VOLUME METER READINGS

INITIAL METER (ACF)	FINAL METER (ACF)	METER TEMP (F)	METER PRESSURE (IN H2O)

COMMENTS: